3470

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	3470	039	02 21 78	27BA	3655	7536

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0011	01	01	02	014	Y	SW	05

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	CL	SA	E	FT	151	—	08	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00002	0000	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36°55′	75°36′	2091	3057	11		0810	0812
							PU	ON
FINISH	36°56′	75°34′	2109	3056	12		0842	0845

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
100	1359/2/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive Observations

7 Am. Shad (Juv) 5 Alewife (Juv) 16 Blueback (Juv)

FIN	CRUST	SHELL	OTHER
1.8	0	0	0

R/V DAN MOORE SPECIES LIST

STA. NO. 3470 DATE 2/21 19 78 BIOLOGISTS DEK SGK JWG DL

TOT. CATCH WT. 1.8 AIR 2.0 SURFACE 1.1 BOTTOM 1.0

SAMPLE WT. 1.8 RAISING FACTOR 0 GRID 27BA

		SUBSAMPLE		TOTAL			
SPECIES	C or NC	NUMBER	WEIGHT	NO.	WT.	$\bar{X}$ WT	REMARKS
Clupea harengus				2	0.8	0.4	
Paralichthys dentatus				1	0.2	0.2	190 mm
Alosa pseudoharengus				5	0.2	<0.1	85 92 86 77 70
Alosa aestivalis				16	0.2	<0.1	76 67 74 75 70 64 76 69 63 71 70 67 64 72 62 62
Alosa sapidissima				7	0.3	<0.1	131 99 103 98 104 106 132
Brevoortia tyrannus				2	0.1	<0.1	

Species: *Alosa aestivalis*

STATION: 3470
GRID: 27BA
DATE: 2/21/75

Specimen #	Fork Length (mm)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	76	UNK				NON quantitative
2	67					
3	74					Area IV
4	75					
5	70					
6	64					
7	76					
8	69					
9	63					
10	71					
11	76					Anchovy
12	67					
13	58					
14	72					
15	69					
16	67					
17						
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Species: *Alosa sapidissima*

STATION: 3470
GRID: 27BA
DATE: 2/21/78

Specimen #	Fork Length (mm)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	131	UNK	NOTE: COULD NOT DETERMINE SEX			NON quantitative
2	132	UNK	"	"	"	
3	99	UNK	NOTE - NO ATTEMPT TO SEX			Area IV
4	103	↓	↓			
5	98					
6	104					
7	106					
8						
9						
10						
11						Anestone
12						
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Species: Alosa [illegible] sardissharengus

STATION: 3470
GRID: [illegible]
DATE: [illegible]

Specimen #	Fork Length (mm)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	85	UNK				[illegible]
2	92	↓				
3	86					Area D
4	77					
5	70					
6						
7						
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LARVAL - JUVENILE DISTRIBUTION

SPECIES: Alosa [illegible]

DATE: 2/21/78

STATION: 347

LOCALITY: Ale- IV 3M+

T.L.					T.L.				
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL	NCN GIANT. 3M+			
240-									
250-						N= 16	range	58 - 76	
260-									
270-									
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370-									
380-									
390-									
400-									
410-									
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460-									
470-									
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490-									
500-									
510-									
520-									
530-									
540-									

PAGE ___ OF ___

LENGTH – FREQUENCY DISTRIBUTION

SPECIES: *Alosa sapidissima*

DATE: 2/21/78

STATION: 3470

LOCALITY: Area IV 27BA

T. L.	♂	♀	UNK
50-59.9			
60-			
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T. L.			
550-			
560-	JUV	NON GCHART	
570-			
580-	N = 5	RANGE 98 - 106	
590-			
600-			
610-			
620-			
630-			
640-			
650-			
660-			
670-			
680-			
690-			
700-			
TOTAL	UNK N = 2 RANGE 131 - 132		

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa pseudoharengus*

STATION: 3470

DATE: 2/21/78

LOCALITY: Area IV 27BA

T.L.					T.L.				
50-59.9					550-				
60-					560-	NON QUANT JUVS			
70-					570-				
80-					580-	N = 5 range 70-92			
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL				
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3470